

## PEER REVIEWED PUBLICATIONS BY OWEN R. COOPER

A total of 88 peer-reviewed publications (21 as first author) with an h-index of 40, as compiled by Web of Science

88. Zhang, Y., **O. R. Cooper**, A. Gaudel, A. M. Thompson, P. Nédélec, S.-Y. Ogino and J. J. West (2016), Tropospheric ozone change from 1980 to 2010 dominated by equatorward redistribution of emissions, *Nature Geoscience*, doi: 10.1038/NGEO2827.
87. Petetin, H., V. Thouret, G. Athier, R. Blot, D. Boulanger, J.-M. Cousin, A. Gaudel, P. Nedelec and **O. Cooper** (2016), Diurnal cycle of ozone throughout the troposphere over Frankfurt as measured by MOZAIC-IAGOS commercial aircraft, *Elem. Sci. Anth.*, 4, 000129. doi: 10.12952/journal.elementa.000129.
86. Sun, L., L. Xue, T. Wang, J. Gao, A. Ding, **O. R. Cooper**, M. Lin, P. Xu, Z. Wang, X. Wang, L. Wen, Y. Zhu, T. Chen, L. Yang, Y. Wang, J. Chen, and W. Wang (2016), Significant increase of summertime ozone at Mount Tai in Central Eastern China, *Atmos. Chem. Phys.*, 16, 10637-10650, doi:10.5194/acp-16-10637-2016, 2016
85. Ziemke, J. R., and **O. R. Cooper** (2016): [Global Climate] Tropospheric Ozone [in "State of the Climate in 2015"]. *Bull. Amer. Meteor. Soc.*, 97 (8), S53-S55.
84. Strode, S. A., J. M. Rodriguez, J. A. Logan, **O. R. Cooper**, J. C. Witte, L. N. Lamsal, M. Damon, B. Van Aartsen, S. D. Steenrod, and S. E. Strahan (2015), Trends and variability in surface ozone over the United States, *J. Geophys. Res. Atmos.*, 120, 9020–9042, doi:10.1002/2014JD022784.
83. Lin, M., L. W. Horowitz, **O. R. Cooper**, D. Tarasick, S. Conley, L. T. Iaci, B. Johnson, T. Leblanc, I. Petropavlovskikh and E. L. Yates (2015), Revisiting the evidence of increasing springtime ozone mixing ratios in the free troposphere over western North America, *Geophys. Res. Lett.*, 42, doi:10.1002/2015GL065311.
82. **Cooper, O.**, and J. Ziemke (2015): [Global Climate] Tropospheric Ozone [in "State of the Climate in 2014"]. *Bull. Amer. Meteor. Soc.*, 96 (7), S48.
81. Monks, P. S., A.T. Archibald, A. Colette, **O. Cooper**, M. Coyle, R. Derwent, D. Fowler, C. Granier, K.S. Law, G.E. Mills, D.S. Stevenson, O. Tarasova, V. Thouret, E. von Schneidemesser, R. Sommariva, O. Wild, and M.L. Williams (2015), Tropospheric ozone and its precursors from the urban to the global scale from air quality to short-lived climate forcer, *Atmos. Chem. Phys.*, 15, 8889-8973, doi:10.5194/acp-15-8889-2015.
80. **Cooper, O. R.**, A. O. Langford, D. D. Parrish and D. W. Fahey (2015), Challenges of a lowered U.S. ozone standard, *Science*, 348, 1096-1097.
79. Lefohn, A. S., and **O. R. Cooper** (2015), Introduction to the Special Issue on Observations and Source Attribution of Ozone in Rural Regions of the Western United States, *Atmos. Environ.*, 109, 279-281, 10.1016/j.atmosenv.2015.03.030
78. Langford, A. O., C. J. Senff, R. J. Alvarez II, J. Brioude, **O. R. Cooper**, J. S. Holloway, M. Y. Lin, R. D. Marchbanks, R. B. Pierce, S. P. Sandberg, A. M. Weickmann, E. J. Williams (2015), An Overview of the 2013 Las Vegas Ozone Study (LVOS): Impact of stratospheric intrusions and long-range transport on surface air quality, *Atmos. Environ.*, doi: 10.1016/j.atmosenv.2014.08.040.
77. Jordan, C. E., A. A. P. Pszenny, W. C. Keene, **O. R. Cooper**, B. Deegan, J. Maben, M. Routhier, R. Sander, and A. H. Young (2015), Origins of aerosol chlorine during winter over north central Colorado, USA, *J. Geophys. Res. Atmos.*, 120, 678–694, doi:10.1002/2014JD022294.
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75. **Cooper, O.**, and J. Ziemke (2014): [Global Climate] Tropospheric Ozone [in "State of the Climate in 2013"]. *Bull. Amer. Meteor. Soc.*, 95 (7), S42.
74. **Cooper, O. R.**, D. D. Parrish, J. Ziemke, N. V. Balashov, M. Cupeiro, I. E. Galbally, S. Gilge, L. Horowitz, N. R. Jensen, J.-F. Lamarque, V. Naik, S. J. Oltmans, J. Schwab, D. T. Shindell, A. M. Thompson, V. Thouret, Y. Wang, R. M. Zbinden (2014), Global distribution and trends of tropospheric ozone: An observation-based review, *Elementa: Science of the Anthropocene*, 2, 000029, doi: 10.12952/journal.elementa.000029
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